Manhole In	spection Summary	Manhole # S27M006MH
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Inspection	☐ Is Incomplete Rating: 4) Poor	
Record Plat: 27	7M Node: 006 Status: Found	Insp Date: 5/5/08 11:46 AM
Incomplete Comments Crew: skwj		
		Inspector: fwalcott
		Firm: PER
Location	Address: 1167 W Ostend	Cross Street: Carroll St
Manhole	Type: Junction Location: Roadway	Ground Conditions: Dry
	Prev. Rehab Weather: Dry	Subject To Ponding: None
Comments		
Cover	Shape: Circular Diameter: 26 (i	, , , , , , , , , , , , , , , , , , , ,
	Type: Sanitary Condition: Sound	
Properties: Bolted Vented Water Tight Water Tight Insert		
Frame	Offset: 2. (in.) Condition: Sound	☐ Cracked ☐ Leaks
Chimnoy / Err	ame Adjustment	 ☐ Parged Height: 5 (in.)
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated		
Infiltration: ☑ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall		
Corbel		_
	Material: Brick ☐ Parged Sound ☐ Cracked ☐ Root Intrusion	
Infiltration:		
Barrel Material: Brick Parged Shape: Circular Diameter: 42 (in.) Length: 0 (in.)		
•	` ,	
Infiltration:	✓ Sound ☐ Cracked ☐ Root Intrusion ✓ None ☐ Joint ☐ Cracks ☐ Morta	□ Loose Brick □ Deteriorated r □ Roots □ Wall
Bench	Exists Material: Brick	Parged
	✓ Sound ☐ Cracked ☐ Root Intrusion	☐ Deteriorated ☐ Leaks ☐ Debris
Channel	Material: Brick Pargeo	
Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: 0		
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion	☐ Deteriorated ☐ Leaks ☐ Debris
Steps	Count: 7 Missing: 1	
Surcharge	☑ Evidence Of Surcharge Depth: 6 (ft	.) Active Surcharge Present

Manhole # S27M__006MH

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Location View



In front of 1167 W Ostend

Miscellaneous



Corroded steps

Defect 4



Evidence of surcharge

Top View



Cover View



Defect 3



Close-up of pipe deposits in 6

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Defect 2



Frame offset 2.75"

Defect 1



Corroded and oxidized steps

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24 in. Circular Gravity Sewer Pipe Out @ 12 OClock





Pipe Height: 24 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 13.87 (ft.) Flow Characteristics: Fast

Deposits: \subseteq None \subseteq Mud \subseteq Sludge \subseteq Debris \subseteq Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: Evidence Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

10 in. Circular Gravity Sewer Pipe In @ 3 OClock



Pipe Height: 9.6 (in.) Rod and Bar (Angled)

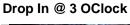
Pipe Material: Clay

Invert Depth: 8.91 (ft.) Flow Characteristics: Slow

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: Evidence Pipe Seal Cond: Unknown

3 O'Clock Inflow





Drop: Outside Rod and Bar

Angled: **Yes** Reading: **10.94** (ft.)

Inv Depth: 11.94 (ft.)

Drop Condition: **Open**

Connects To: Manhole

Possible Illicit Connection

Manhole # S27M__006MH

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24 in. Circular Gravity Sewer Pipe In @ 6 OClock

6 O'Clock Inflow



Pipe deposits present

Pipe Height: 22.8 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 13.73 $\,$ (ft.) Flow Characteristics: Turbulent

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 10 OClock



broken pipe upstream at wye fitting for the drop; drop is partially clogged - needs repair

Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: **7.89** (ft.) Flow Characteristics: **Fast**

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

10 O'Clock Inflow Drop In @ 10 OClock



Drop: Outside Rod and Bar

Angled: **Yes** Reading: **10.87** (ft.)

Inv Depth: 11.87 (ft.)

Drop Condition: Partly Clogged

Connects To: Manhole

Possible Illicit Connection